

ABSTRACT OF THE DISCLOSURE

In a slider using thermal expansion type, being adjustable on a flying height thereof, having problems to be solved, i.e., to reduce the electric power consumption, and to lessen the heat load upon a reproducing element thereof, wherein a heating device 4 is located separating from tip portions of the recording and reproducing elements 2 and 3. Also, for deforming only the vicinity of the heating device 4 and the recording and reproducing elements 2 and 3, so as to protrude from, the heating device 4 and the recording and reproducing elements 2 and 3 are surrounded by a resin film 6 of small rigidity, thereby increasing an amount of protrusion of the recording and reproducing elements 2 and 3 per a unit of electric power, but without increasing temperature of the reproducing element 3, with an aim of the structure of cutting off the force from materials of circumferences against the deformation.